HAOYANG LI Ph.D.

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EDUCATION

Department of Economics, Heriot-Watt University Edinburgh, UK
Ph.D. in Economics 2021 - 2025 *(expected)*
- Research interests: Spatial econometrics, machine learning , panel data, time series
- fully funded scholarship

Department of Economics, University of Edinburgh Edinburgh, UK
M.Sc. in Economics (Econometrics), distinction 2020 - 2021
- Student representative: collect students feedback and communicate with staffs

China Academy of Public Finance and Public Policy, Central University of Finance and Economics Beijing, China
B.Sc. in Economics (Public Finance Theory and Policy) 2016 - 2020

PUBLICATIONS

1. Ersoy, E., Li, H., Schaffer, M.E. and Szendrei, T., 2023. Stacking Regression for Time-Series, with an Application to Forecasting Quarterly US GDP Growth. *Optimal Transport Statistics for Economics and Related Topics* (pp. 131-149). Cham: Springer Nature Switzerland.

2. Ahrens, A., Ersoy, E., Iakovlev, V., Li, H. and Schaffer, M.E., 2022. An introduction to stacking regression for economists. *International Conference of the Thailand Econometrics Society* (pp. 7-29). Cham: Springer International Publishing.

WORK IN PROGRESS

Haoyang Li, Arnab Bhattacharjee and Erkal Ersoy. Estimating spatial weights in High Dimensions: A CCE-OCMT variable selection approach.

- Presented at: PhD workshop Panmure House (2022, Edinburgh), SEW (2023, Dijon; 2024, Groningen), IPDC (2023, Amsterdam), IAAE (2024, Thessaloniki), Scottish Graduate Program in Economics annual conference (2024, Crieff)

PROJECTS

Energy Institute (EI): Statistical Review of World Energy (Held by BP plc before 2023)
Research associate for statistical review: Gas production, Oil consumption 2022 - current

Data-Driven carbon and energy price forecasting
Research assistant: combine empirical mode decomposition (EMD) and stacking using Python for better prediction 2023

INTERNSHIP

Ernst & Young Hua Ming LLP | Beijing, China 2019.01 - 2019.03
- Contributed to the audit report of Chongqing Kangda Environmental Protection Industry (Group) Co., Ltd
- Obtained offer from EY after internship

TEACHING

University of Edinburgh Teaching Assistant
M.Sc. Econometrics 1 (ECNM11043) 2021, 2024
Heriot-Watt University Teaching Assistant
2nd year B.Sc. Statistical Techniques (C28QU) 2023 - current

ADDITIONAL TRAINING

ICPSR Summer Program in Quantitative Methods | Michigan, US 2019
- Categorical Data Analysis. Instructor: Shawna Smith
- Time Series Analysis II: Advanced Topics. Instructor: Prof. Paul Kellstedt & Prof. Mark Pickup

SKILLS

Languages: Mandarin (Native), English (Fluent)

Software: Python, Stata, R, LaTeX, MATLAB.

REFERENCES

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